

Title (en)

Recombinant antigen immunoassay for the diagnosis of syphilis

Title (de)

Rekombinantes-Antigen-Immunoassay zur Diagnose von Syphilis

Title (fr)

Immunoessai utilisant un antigène recombinant pour la diagnose de syphilis

Publication

EP 0985931 A2 20000315 (EN)

Application

EP 99115877 A 19990812

Priority

US 14892098 A 19980904

Abstract (en)

A method for detecting anti-Treponema pallidum antibody and diagnosing syphilis has been provided. Fusion protein antigens from the fusion of a peptide sequence having an amino acid sequence encoded by the nucleic acid sequence of SEQ. ID. No. 4 to Treponema pallidum membrane proteins are used as antigens in immunoassay of test samples for the presence of anti-Treponema pallidum membrane protein antibodies. A test kit for diagnosing syphilis is also provided comprising a container having therein the fusion protein antigens.

IPC 1-7

G01N 33/571; **G01N 33/543**; **G01N 33/558**; **C12N 15/30**; **C07K 14/44**

IPC 8 full level

C07K 14/44 (2006.01); **G01N 33/558** (2006.01); **G01N 33/571** (2006.01)

CPC (source: EP)

C07K 14/44 (2013.01); **G01N 33/558** (2013.01); **G01N 33/571** (2013.01)

Cited by

US8389229B2; WO2007002178A3; US8148057B2; US8394600B2; WO2004040310A1; WO2021072599A1

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